P-VTEC String: /k.aaa.cccc.pp.s.####.yymmddThhnnZ_B-yymmddThhnnZ_E/
H-VTEC String: /nwsli.s.ic.yymmddThhnnZ_B.yymmddThhnnZ_C.yymmddThhnnZ_E.fr/

P-VTEC String

Event Group

k - Product Class (O, T, E, X)
aaa - Action (NEW, CON, EXT, EXA, EXB, UPG, CAN, EXP, COR, ROU)
cccc - Office ID (e.g., KLWX)
pp - Phenomena (e.g., BZ, FF - see table)
s - Significance (W, A, Y, S, F, O, N)
- Event Tracking Number (ETN) - (e.g., 0001, 0002, etc.)
ETN is coded as 0000 for ROU events.

Date/Time Group

yymmddThhnnZ_B - Event Beginning Date/Time
yymmddThhnnZ_E - Event Ending Date/Time

yy - year
mm - month
dd - day

T - fixed time indicator
hh - hour
nn - minute
Z - fixed UTC indicator

Product Class (k)

O	Operational product
T	Test product
E	Experimental product
X	Experimental VTEC in an Operational product

Significance (s)

W	Warning	F	Forecast
A	Watch	O	Outlook
Y	Advisory	N	Synopsis
S	Statement		

Actions (aaa)

NEW	New event
CON	Event continued
EXT	Event extended (time)
EXA	Event extended (area)
EXB	Event extended (both time and area)
UPG	Event upgraded
CAN	Event cancelled
EXP	Event expired
COR	Correction
ROU	Routine

Phenomena (pp)

AF	Ashfall	FW	Fire Weather	LO	Low Water	TI	Inland Tropical Storm
AS	Air Stagnation	FZ	Freeze	LS	Lakeshore Flood	TO	Tornado
BS	Blowing Snow	GL	Gale	LW	Lake Wind	TR	Tropical Storm
BW	Brisk Wind	HF	Hurricane Force Wind	MA	Marine	TS	Tsunami
BZ	Blizzard	HI	Inland Hurricane	RB	Small Craft for Rough Bar	TY	Typhoon
CF	Coastal Flood	HS	Heavy Snow	SB	Snow and Blowing Snow	UP	Ice Accretion
DS	Dust Storm	HT	Heat	SC	Small Craft	WC	Wind Chill
DU	Blowing Dust	HU	Hurricane	SE	Hazardous Seas	WI	Wind
EC	Extreme Cold	HW	High Wind	SI	Small Craft for Winds	WS	Winter Storm
EH	Excessive Heat	HY	Hydrologic	SM	Dense Smoke	WW	Winter Weather
FA	Areal Flood	HZ	Hard Freeze	SN	Snow	ZF	Freezing Fog
FF	Flash Flood	IP	Sleet	SR	Storm	ZR	Freezing Rain
FG	Dense Fog	IS	Ice Storm	SU	High Surf		
FL	Flood	LB	Lake Effect Snow and Blowing Snow	SV	Severe Thunderstorm		
FR	Frost	LE	Lake Effect Snow	SW	Small Craft for Hazardous Seas		

H-VTEC String

Event Group

nwsli - NWS Location Identifier
s - Flood Severity (0, N, 1, 2, 3, U)
ic - Immediate Cause (ER, SM, etc.)
fr - Flood Record (NO, NR, UU, OO)

Date/Time Group

yymmddThhnnZ_B - Flood **Begin** Date/Time
yymmddThhnnZ_C - Flood **Crest** Date/Time
yymmddThhnnZ_E - Flood **End** Date/Time

yy - year
mm - month
dd - day

T - fixed time indicator
hh - hour
nn - minute
Z - fixed UTC indicator

NWS Location Identifier (nwsli)

FALK2	Sample NWSLI - first three characters unique to a point, last two characters unique to the state/territory
00000	NWSLI is coded as zeros for areal products

Flood Timing

yymmddThhnnZ_B - time flood stage/flow is exceeded
yymmddThhnnZ_C - time of maximum stage/flow
yymmddThhnnZ_E - time for fall below flood stage/flow

Flood Record Status (fr)

NO	A record flood is not expected
NR	Near record or record flood expected
UU	Flood without a period of record to compare
OO	For areal flood warnings or areal flash flood products

Flood Severity (s)

N	None
0	areal flood or flash flood products
1	Minor
2	Moderate
3	Major
U	Unknown

Immediate Cause (ic)

ER	Excessive Rainfall	FT	Upstream Flooding plus Tidal Effects
SM	Snowmelt	ET	Elevated Upstream Flow plus Tidal Effects
RS	Rain and Snowmelt	WT	Wind and/or Tidal Effects
DM	Dam or Levee Failure	DR	Upstream Dam or Reservoir Release
IJ	Ice Jam	MC	Other Multiple Causes
GO	Glacier-Dammed Lake Outburst	OT	Other Effects
IC	Rain and/or Snowmelt and/or Ice Jam	UU	Unknown
FS	Upstream Flooding plus Storm Surge		

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